

ENHANCE ARCHITECTURAL PRODUCTS

Enhance HD Water and Stain Repellent

“Heavy Duty”

Product Data Sheet

PRODUCT DESCRIPTION

A clear, penetrating, breathable, proprietary mixture of a special oleophobic material and bonding agents in Enhance HD water and stain repellent creates an area of extremely low surface tension on a variety of substrates. This effect renders the surface resistant to the absorption of water-based and oil-based contaminants. Enhance HD is a zero-VOC water and oil and stain repellent treatment to produce a high performance water beading effect for concrete, brick, concrete masonry units, tiles, pavers, wood, natural stone and other building materials. Improves stain resistance of treated material to aid in cleaning.

Enhance HD water and stain repellent will not cause an adverse surface appearance to the substrate. The natural moisture vapor transmission is not affected, so treated surfaces are fully breathable and problems caused by entrapped moisture including blushing of sealer and freeze- thaw damage to the substrate are eliminated.

APPROPRIATE APPLICATIONS

All exterior building material can be treated to aid in cleaning staining caused by surface deposits and common liquids such as coffee, soft drinks, foods, oils, dirt, etc.

Mineral substrates that are suitable include: Concrete, concrete pavers, brick pavers, bluestone slate, and flagstone.

Other substrates that can be protected include sandstone, terra-cotta, hand-molded bricks, pressed cementitious tiles, limestone, and other natural stones.

ADVANTAGES

Enhance HD water and stain repellent is a clear water base finish designed to protect mineral based building materials.

The main benefits of the product are:

- Aids in cleaning oil/grease, food staining, environmental protection
- Long Term Water Beading Effect
- Higher solids formulation, more active ingredient, top performance
- Repels water
- Nonflammable
- Zero VOC
- Breathable system
- Will not blush, peel or yellow
- Resistance to alkali attack
- Keeps Surfaces Cleaner
- Service life 5-7 Years

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LIMITATIONS Not intended for below-grade applications. Do not apply to wet or damp surfaces. Application on dense or polished surfaces or if excess material is applied may result in a slippery surface. Not intended to stop water penetration through cracks, joints or defects in the substrate.

PREPARATION Surfaces must be clean, dry, sound and absorbent. Concrete and masonry installations should be a minimum of 30 days old. All repairs, caulking, sealant installation must be completed and fully cured prior to application. All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, mildew, salt, grease, oil asphalt, laitance, curing compounds, paint, coatings and other foreign materials.

If chemical cleaners (including acidic cleaners) are used surfaces must be rinsed thoroughly to insure all residue is removed. If using water cleaning methods allow substrate to dry completely prior to application typically 24 to 48 hours of dry weather. Protect all surfaces not to be treated from overspray or run-off. Product will leave a residue on non-porous surfaces such as glass and metal. Remove any overspray immediately with soap and water.

APPLICATION All surfaces must be cleaned to remove all traces of dirt, dust, efflorescence, mold, salt, grease, laitance, curing compounds and other foreign materials. **Enhance Sealer** is supplied ready to use and should not be altered or diluted in any way. It should be applied using low pressure (15 to 25 psi) spray equipment with a wet fan type spray nozzle. Alternate methods include using either a power roller with a 1" nap or a brush. Do not apply to a wet substrate. A test patch should be applied to the substrate to verify coverage rate, application method and desired results.

ENHANCE SEALER should be applied at coverage rate to obtain the desired repellent effect. A test patch should be applied and a field test run to determine whether the repellency is acceptable. On low-porosity surfaces such as ceramic tile or polished marble, **Enhance Sealer** may leave a residue or visible film. This can be averted by using a soft cloth to remove any excess material. If **Enhance Sealer** has dried, it can be buffed to remove any blemishes. Protect glass, metal, plastic and other non-mineral substrates from overspray. **Enhance water and stain repellent** will not etch glass but will leave a residue on nonporous surfaces. Clean equipment immediately with soap and water.

PRECAUTIONS: Enhance water and stain repellent containers should be kept closed when not in use and should be stored at temperatures between 40°F (5°C) and 120°F (50°C), away from rain and standing water. Enhance Sealer must be protected from freezing. Please refer to the material safety data sheet for detailed information. Remove stains and spills from treated surfaces as soon as possible. Use soap and water, mild detergents, or citrus-based cleaners. Surfaces can also be cleaned with low-pressure power washing (1000 psi max.).

Do not use harsh chemical cleaners such as acids or high-pH products. Periodically retreat surfaces to maintain original performance.

CLEAN UP Thoroughly rinse spray equipment with clean water. Clean brushes and rollers with soap and water. Do not allow the product to dry on brushes, rollers or in spray equipment.

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